



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 1 of 16

Application Number	10/567,025
Filing Date	06/24/2005
First Named Inventor	Wang et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	VDX5006USPCT

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
		Number	Kind Code ²		
		2002/0048784	A1	Hudson et al.	04/25/2002
		2002/0098535	A1	Wang et al.	07/25/2002
		2002/0110820	A1	Ramaswamy et al.	08/15/2002
		2002/0155480	A1	Golub et al.	10/24/2002
		2002/0160382	A1	Lasek et al.	10/31/2002
		2003/0013097	A1	Welsh et al.	01/16/2003
		2003/0049701	A1	Muraca	03/13/2003
		2003/0059431	A1	Hudson et al.	03/27/2003
		2003/014283	A1	Iwano et al.	01/16/2003
		2003/0232356	A1	Dooley et al.	12/18/2003
		4,715,545	A	Hanifl et al.	12/29/1987
		5,210,015	A	Gelfand et al.	05/11/1993
		5,348,856	A	Barbacid et al.	09/20/1994
		5,411,876	A	Bloch et al.	05/02/1995
		5,413,924	A	Kosak et al.	05/09/1995
		5,487,972	A	Gelfand et al.	01/30/1996
		5,512,437	A	Gaugler et al.	04/30/1996
		5,512,444	A	Patard et al.	04/30/1996
		5,525,494	A	Newton	06/11/1996
		5,550,044	A	Kosak et al.	08/27/1996
		5,612,201	A	De Plaen et al.	03/18/1997
		5,759,783	A	Lurquin et al.	06/02/1998
		5,804,375	A	Gelfand et al.	09/08/1998
		5,844,075	A	Kawakami et al.	12/01/1998
		5,844,092	A	Presta et al.	12/01/1998

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 2 of 16

Application Number	10/567,025
Filing Date	06/24/2005
First Named Inventor	Wang et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	VDX5006USPCT

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
		Number	Kind Code ²		
		5,872,225	A	Lemmon	02/16/1999
		5,910,574	A	Presta et al.	06/08/1999
		5,969,124	A	Lemmon	10/19/1999
		5,985,619	A	Sutherland et al.	11/16/1999
		5,994,102	A	Hudson et al.	11/30/1999
		6,025,474	A	Van den Eynde et al.	02/15/2000
		6,057,105	A	Hoon et al.	05/02/2000
		6,107,476	A	Erlander et al.	08/22/2000
		6,153,388	A	Reintgen	11/28/2000
		6,235,525	B1	Van den Eynde et al.	05/22/2001
		6,291,430	B1	Chaux et al.	08/18/2001
		6,326,145	B1	Whitcombe et al.	12/04/2001
		6,338,947	B1	Sahin et al.	01/15/2002
		6,369,211	B1	Chaux et al.	04/09/2002
		6,403,341	B1	Barnes et al.	06/11/2002
		6,426,217	B1	Chaux et al.	07/30/2002
		6,465,181	B2	Billing-Medel et al.	10/15/2002
		6,475,727	B1	Kufer et al.	11/05/2002
		6,500,638	B2	Hudson et al.	12/31/2002
		6,500,919	B1	Adema et al.	12/31/2002
		6,521,227	B1	Hudson et al.	02/18/2003
		6,527,560	B2	Yang	03/04/2003
		6,599,699	B1	Guagler et al.	07/29/2003
Examiner Signature				Date Considered	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 3 of 16

<i>Application Number</i>	10/567,025
<i>Filing Date</i>	06/24/2005
<i>First Named Inventor</i>	Wang et al.
<i>Group Art Unit</i>	
<i>Examiner Name</i>	
<i>Attorney Docket Number</i>	VDX5006USPCT

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication
		Office ³	Number ⁴	KindCode ⁵		
		WO	96/29430	A1	John Wayne Cancer Institute	09/26/1996
		WO	0127295		Schadendorf et al.	04/19/2001
		WO	0227028		Skinner et al.	04/04/2002
		WO	2004019886	A2	Durda et al.	03/11/2004
		WO	01946291	A2	Young et al.	12/13/2001
		WO	2005044990	A2	Burgess et al.	05/19/2005

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 4 of 16

<i>Application Number</i>	10/567,05
<i>Filing Date</i>	06/24/2005
<i>First Named Inventor</i>	Wang et al.
<i>Group Art Unit</i>	
<i>Examiner Name</i>	
<i>Attorney Docket Number</i>	VDX5006USPCT

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
-------------------------	--------------------------	--	----------------

OTHER - NON PATENT LITERATURE DOCUMENTS

		ABRAHAMSEN et al. (2004) Quantification of melanoma mRNA markers in sentinel nodes: pre-clinical evaluation of a single-step real-time reverse transcriptase-polymerase chain reaction assay J Molec Diag 6:253-259	
		ABRAHAMSEN et al. (2005) Pathologic assessment of melanoma sentinel nodes: a role for molecular analysis using quantitative real-time reverse transcription-PCR for MART1 and tyrosinase messenger RNA Clin Cancer Res 11:1425-1433	
		ADEMA et al. (1994) Molecular characterization of the melanocyte lineage specific antigen gp100 J Biol Chem 269:20126-20133	
		AHMED et al. (2004) Cdc42-dependent nuclear translocation of non-receptor tyrosine kinase, ACK Biochem Biophys Res Commun 314:571-579	
		AITKEN et al. (2004) Population screening for melanoma: current evidence and a community based randomized trial. In "Textbook of Melanoma" Ed. by JF Thompson, DL Morton and BBR Kroon. Martin and Dunitz pp 100-114	
		AKULA et al. (2004) Raf promotes human herpesvirus-8 (HHV-8/KSHV) infection Oncogene 23:5227-5241	
		ALEXA et al. (2004) Contribution of distinct structural elements to activation of calpain by Ca ²⁺ ions J Biol Chem 279:20118-20126	
		ALTZNAUER et al. (2004) Calpain-1 regulates Bax and subsequent Smac-dependent caspase-3 activation in neutrophil apoptosis J Biol Chem 279:5947-5957	
		ANTONESCU et al. (2002) Molecular diagnosis of clear cell sarcoma: detection of EWS-ATF1 and MITF-M transcripts and histopathological and ultrastructural analysis of 12 cases J Mol Diag 4:44-52	
		ARAZARENA et al. (2004) Activation of H-Ras in the endoplasmic reticulum by the RasGRF family guanine nucleotide exchange factors Mol Cell Biol. 24:1516-1530	
		BAE et al. (2003) Gene expression patterns as potential molecular biomarkers for malignant transformation in human keratinocytes treated with MNNG, arsenic or a metal mixture Toxicol Sci 74:32-42	
		BALCH et al. (2001) Final version of the American Joint Committee on cancer staging system for cutaneous melanoma J Clin Oncol 19:3635-3648	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 5 of 16

Application Number	10/567,025
Filing Date	06/24/2005
First Named Inventor	Wang et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	VdX5006USPCT

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
-------------------------	--------------------------	--	----------------

		BALDI et al. (2003) Identification of genes down-regulated during melanoma progression: a cDNA array study Exp Dermatol 12:213-218	
		BARAC et al. (2004) Direct interaction of p21-activated kinase 4 with PDZ-RhoGEF, a G protein-linked Rho guanine exchange factor J Biol Chem 279:6182-6189	
		BENDOTTI et al. (2004) Activated p38MAPK is a novel component of the intracellular inclusions found in human amyotrophic lateral sclerosis and mutant SOD1 transgenic mice J. Neuropathol. Exp. Neurol. 63:113-119	
		BITTNER et al. (2000) Molecular classification of cutaneous malignant melanoma by gene expression profiling Nature 406:536-540	
		BOSTICK et al. (1999) Prognostic significance of occult metastases detected by sentinel lymphadenectomy and reverse transcriptase-polymerase chain reaction in early-stage melanoma patients J Clin Oncol 17:3238-3244	
		BROWN et al. (2003) MIC-1 Serum Level and Genotype: Associations with Progress and Prognosis of Colorectal Carcinoma Clin Cancer Res 9:2642-2650	
		BUCKHAULTS et al. (2001) Secreted and cell surface genes expressed in benign and malignant colorectal tumors Cancer Res. 61:6996-7001	
		BURZIO et al. (2002) Biochemical and cellular characteristics of the four splice variants of protein kinase CK1 α from zebrafish (Danio rerio) J Cell Biochem 86:805-814	
		BUCHS et al. (2004) Normal p21Ras/MAP kinase pathway expression and function in PBMC from patients with polycystic ovary disease Int J Mol Med 13:595-599	
		Cancer Facts and Figures 2003 AMERICAN CANCER SOCIETY, 2003	
		CARE et al. (1996) HOXB7 constitutively activates basic fibroblast growth factor in melanomas Mol Cell Biol 16:4842-4851	
		CARLSON et al. (2003) Biomarkers in melanoma: staging, prognosis and detection of early metastasis Expert Rev Mol Diagn 3:303-330	
		CATALA (2002) Genetic control of caudal development Clin Genet 61:89-96	
		CHEN et al. (2003) Molecular characterization of human ninein protein: two distinct subdomains required for centrosomal targeting and regulating signals in cell cycle Biochem Biophys Res Commun 308:975-983	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 6 of 16

Application Number	10/567,025
Filing Date	06/24/2005
First Named Inventor	Wang et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	VDX5006USPCT

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
-------------------------	--------------------------	--	----------------

		CHEN et al. (2004) MEK1,2 response element mediates angiotensin II-stimulated plasminogen activator inhibitor-1 promoter activation Blood 103:2636-2644	
		CHEN et al. (2004) Cdc42 and the actin-related protein/neural Wiskott-Aldrich syndrome protein network mediate cellular invasion by Cryptosporidium parvum Infect Immun 72:3011-3021	
		CHEUNG et al. (2001) Detection of microscopic disease: comparing histology, immunocytology, and RT-PCR of tyrosine hydroxylase, GAGE, and MAGE Med Ped Oncol 36:210-212	
		CHING et al. (2003) Identification of an autoinhibitory domain of p21-activated protein kinase 5 J Biol Chem 278:33621-33624	
		CLARK et al. (2003) The secreted protein discovery initiative (SPDI), a large-scale effort to identify novel human secreted and transmembrane proteins: a bioinformatics assessment Genome Res 13:2265-2270	
		COCHRAN et al. (2001) Current practice and future directions in pathology and laboratory evaluation of the sentinel node Ann Surg Oncol 89 :13-17	
		COCHRAN et al. (2004) Optimized assessment of sentinel lymph nodes for metastatic melanoma: implications for regional surgery and overall treatment planning Ann Surg Oncol 11:156S-161S	
		COOK et al. (2003) The development of optimal pathological assessment of sentinel lymph nodes for melanoma J Pathol 200:314-319	
		CRONIN et al. (2004) Measurement of gene expression in archival paraffin-embedded tissues: development and performance of a 92-gene reverse transcriptase-polymerase chain reaction assay Am J Pathol 164:35-42	
		DAVIDS et al. (2003) Accurate molecular detection of melanoma nodal metastases: an assessment of multimarker assay specificity, sensitivity, and detection rate J Clin Mol Pathol 56:43-51	
		DE BRAUD et al. (2003) Malignant melanoma Critical Review In Oncol/Hematol 47:35-63	
		DUCY et al. (2000) The family of bone morphogenetic proteins Kidney Int. 57:2207-2214	
		DWIVEDI et al. (2004) Protein kinase A in postmortem brain of depressed suicide victims: altered expression of specific regulatory and catalytic subunits Biol Psychiatry 55:234-243	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 7 of 16

Application Number	10/567,025
Filing Date	06/24/2005
First Named Inventor	Wang et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	VDX5006USPCT

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
-------------------------	--------------------------	--	----------------

		EDGAR et al. (2002) Cloning and tissue distribution of three murine α/β hydrolase fold protein cDNAs Biophys Biochim Res Comm 292:617-625	
		ENCINAS et al. (2004) Tyrosine 981, a novel ret autophosphorylation site, binds c-Src to mediate neuronal survival J Biol Chem 279:18262-18269	
		ESLER et al. (2001) A portrait of Alzheimer secretases - new features and familiar faces Science 293:1449-1454	
		EVELLIN et al. (2002) Stimulation of phospholipase C by the M3 muscarinic acetylcholine receptor mediated by cyclic AMP and the GTPase Rap2B J Biol Chem 277:16805-16813	
		FENNER et al. (1998) MSG1 (melanocyte-specific gene 1): mapping to chromosome Xq13.1, genomic organization, and promoter analysis Genomics 51:401-407	
		FOGEL et al. (2003) L1 adhesion molecule (CD171) in development and progression of human malignant melanoma Cancer Lett 189:237-247	
		FUJII et al. (2004) Overexpression or ablation of JNK in skel et al. muscle has no effect on glycogen synthase activity Am J Physiol Cell Physiol 287:C200-C208	
		GANGEMI et al. (2004) Regulatory genes controlling cell fate choice in embryonic and adult neural stem cells J Neurochem 89:286-306	
		GIANCOTTI et al. (1999) Integrin signaling Science 285:1028-1032	
		GOLUBOVSKAYA et al. (2004) Cloning and characterization of the promoter region of human focal adhesion kinase gene: nuclear factor kappa B and p53 binding sites Biochim Biophys Acta 1678:111-125	
		GOSMANOV et al. (2004) Impaired expression and insulin-stimulated phosphorylation of Akt-2 in muscle of obese patients with atypical diabetes Am J Physiol Endocrinol Metab 287:E8-E15	
		GOYDOS et al. (2003) Patterns of recurrence in patients with melanoma and histologically negative but RT-PCR-positive sentinel lymph nodes J Am Coll Surg 196:196-205	
		GRIMSLEY et al. (2004) Dock180 and ELMO1 proteins cooperate to promote evolutionarily conserved Rac-dependent cell migration J Biol Chem 279:6087-6097	
		GRONHOLM et al. (2003) Merlin links to the cAMP neuronal signaling pathway by anchoring the R1 β subunit of protein kinase A J Biol Chem 278:41167-41172	
		GUAN et al. (2003) ASC/TMS1, a caspase-1 activating adaptor, is down regulated by aberrant methylation in human melanoma Int J Cancer 107:202-208	
		GUSTAFSON et al. (2004) Bcr-Abl Regulates Protein Kinase C α (PKC α) Transcription via an Elk1 Site in the PKC α Promoter J Biol Chem 279:9400-9408	
Examiner Signature		Date Considered	

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 8 of 16	Application Number	10/567,025
	Filing Date	06/24/2005
	First Named Inventor	Wang et al.
	Group Art Unit	
	Examiner Name	
	Attorney Docket Number	VDX5006USPCT

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²

		GUTZMER et al. (2002) Specificity of tyrosinase and HMB45 PCR in the detection of melanoma metastases in sentinel lymph node biopsies Histopathol 41:510-518	
		HAENDELER et al. (2003) GIT1 mediates Src-dependent activation of phospholipase C γ by angiotensin II and epidermal growth factor J Biol Chem 278:49936-49944	
		HAFNER et al. (2003) Loss of EphB6 expression in metastatic melanoma Int J Oncol 23:1553-1559	
		HAQQ et al. (2005) The gene expression signature of melanoma progression Proc Natl Acad Sci USA 102:6092-6097	
		HASPEL et al (2003) The L1CAM extracellular region: a multi-domain protein with modular and cooperative binding modes Front Biosci 8:S1210-S1225	
		HENDRIX et al. (2002) Transendothelial function of human metastatic melanoma cells: role of the microenvironment in cell-fate determination Cancer Res 62:665-668	
		HENSHALL et al. (2003) Survival analysis of genome-wide gene expression profiles of prostate cancers identifies new prognostic targets of disease relapse Cancer Res 63:4196-4203	
		HILGARD et al. (2004) Proapoptotic function of protein kinase CK2 α is mediated by a JNK signaling cascade Am J Physiol Gastrointest Liver Physiol 287:G192-G201	
		HILLIER et al. (1996) Generation and analysis of 280,000 human expressed sequence tags Genome Res 6:807-828	
		HIPFEL et al. (1998) RNA isolation from human skin tissues for colorimetric differential display J Biochem Biophys Method 37:131-135	
		HIPFEL et al. (2000) Specifically regulated genes in malignant melanoma tissues identified by subtractive hybridization Br J Cancer 82:1149-1157	
		HIRAGA et al. (1997) Establishment of a new continuous clear cell sarcoma cell line Morphological and Cytogenetic characterization and detection of chimaeric EWS/ATF-1 transcripts Virchows Archiv 431:45-51	
		HISAOKA et al. (2002) Gene expression of TrkC (NTRK3) in human soft tissue tumors J Pathol 197:661-667	
		HOEK et al. (2004) Expression profiling reveals novel pathways in the transformation of melanocytes to melanomas Cancer Res 64:5270-5282	
		HOON et al. (2001) Molecular detection of metastatic melanoma cells in cerebrospinal fluid in melanoma patients J Invest Dermatol 117:375-378	
		HOON et al. (2004) Profiling epigenetic inactivation of tumor suppressor genes in tumor and plasma from cutaneous melanoma patients Oncogene 23:4014-4022	
		IZARD et al. (2004) Vinculin activation by talin through helical bundle conversion Nature 427:171-175	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 9 of 16

<i>Application Number</i>	10/567,025
<i>Filing Date</i>	06/24/2005
<i>First Named Inventor</i>	Wang et al.
<i>Group Art Unit</i>	
<i>Examiner Name</i>	
<i>Attorney Docket Number</i>	VDX5006USPCT

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
-------------------------	--------------------------	--	----------------

		JAFFER et al. (2002) p21-Activated kinases: three more join the Pak Int J Biochem Cell Biol 34:713-717	
		KADAJA et al. (2004) Overexpression of leukocyte marker CD43 causes activation of the tumor suppressor proteins p53 and ARF Oncogene 23:2523-2530	
		KAM et al. (2003) The reelin pathway components disabled-1 and p35 in gangliogliomas - a mutation and expression analysis Neuropathol Appl Neurobiol 30:225-232	
		KAMHOLZ et al. (1986) Identification of three forms of human myelin basic protein by cDNA cloning Proc Natl Acad Sci USA 83:4962-4966	
		KAMMULA et al. (2004) Serial follow-up and prognostic significance of reverse transcriptase-polymerase chain reaction-staged sentinel lymph nodes from melanoma patients J Clin Oncol 22:3989-3996	
		KANEDA et al. (2002) Reduced expression of the insulin-induced protein 1 and P41 ARP2/3 complex genes in human gastric cancers Int J Cancer 100:57-62	
		KARAN et al. (2003) Dysregulated expression of MIC-1/PDF in human prostate tumor cells Biochim Biophys Res Commun 305:598-604	
		KIKUCHI et al. (2003) An N-terminal fragment of ProSAAS (a granin-like neuroendocrine peptide precursor) is associated with tau inclusions in Pick's disease Biochem Biophys Res Commun 308:646-654	
		KIRCHHOFF et al. (2004) Nef proteins from simian immunodeficiency virus-infected chimpanzees interact with p21-activated kinase 2 and modulate cell surface expression of various human receptors J Virol 78:6864-6874	
		KITANO et al. (2003) Gene diversity patterns at 10 X-chromosomal loci in humans and chimpanzees Mol Biol Evol 20:1281-1289	
		KUO et al. (2003) Prediction of disease outcome in melanoma patients by molecular analysis of paraffin-embedded sentinel lymph nodes J Clin Oncol 21:3566-3572	
		LEE et al. (2004) Casein kinase II-mediated phosphorylation regulates α -synuclein/synphilin-1 interaction and inclusion body formation J Biol Chem 279:6834-6839	
		LEE et al. (2004) Phosphorylation of Tau by Fyn: implications for Alzheimer's Disease J Neurosci 24:2304-2312	
		LI et al. (1995) Identification and expression analysis of a potential familial Alzheimer disease gene on chromosome 1 related to AD3 Proc Natl Acad Sci USA 92:12180-12184	
		LI et al. (2004) Casein kinase 1 Δ phosphorylates Tau and disrupts its binding to microtubules J Biol Chem 279:15938-15945	
		LI et al. (2004) Zyxin interacts with the SH3 domains of the cytoskeletal proteins LIM-nebulette and Lasp-1 J Biol Chem 279:20401-20410	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 10 of 16

Application Number	10/567,025
Filing Date	06/24/2005
First Named Inventor	Wang et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	VDX5006USPCT

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
-------------------------	--------------------------	--	----------------

		LIU et al. (2003) Macrophage inhibitory cytokine 1 reduces cell adhesion and induces apoptosis in prostate cancer cells <i>Cancer Res</i> 63:5034-5040	
		LIU et al. (1992) cDNA cloning of a novel human ubiquitin carrier protein <i>J Biol Chem</i> 267:15829-15835	
		LUFTNER et al. (2003) Plasma levels of HER-2/neu, tumor type M2 pyruvate kinase and its tyrosine-phosphorylated metabolite in advanced breast cancer <i>Anticancer Res</i> 23:991-997	
		LUO et al. (2001) Human prostate cancer and benign prostatic hyperplasia: molecular dissection by gene expression profiling <i>Cancer Res</i> 61:4683-4688	
		LUTHI et al. (2003) X-linked thrombocytopenia caused by a mutation in the Wiskott-Aldrich syndrome (WAS) gene that disrupts interaction with the WAS protein (WASP)-interacting protein (WIP) <i>Exp Hematol</i> 31:150-158	
		MACDOUGALL et al. (2003) Human myometrial quiescence and activation during gestation and parturition involve dramatic changes in expression and activity of particulate type II (RII α) protein kinase A holoenzyme <i>J Clin Endocrinol Metab</i> 88:2194-2205	
		MAJUMDER et al. (2004) mTOR inhibition reverses Akt-dependent prostate intraepithelial neoplasia through regulation of apoptotic and HIF-1-dependent pathways <i>Nature Med</i> 10:594-601	
		MANDELCORN-MONSON et al. (2003) Cytotoxic T lymphocyte reactivity to gp100, MelanA/MART-1, and tyrosinase, in HLA-A2-positive vitiligo patients <i>J Invest Dermatol</i> 121:550-556	
		MARCHETTI et al. (2003) Human melanoma TrkC: its association with a purine-analog-sensitive kinase activity <i>J Cell Biochem</i> 88:865-872	
		MARESH et al. (1994) Cloning and expression of the gene for the melanoma-associated ME20 antigen DNA <i>Cell Biol</i> 13:87-95	
		MARLOW et al. (2003) APH1, PEN2, and Nicastrin increase $\alpha\beta$ levels and γ -secretase activity <i>Biochem Biophys Res Commun</i> 305:502-509	
		MASTERS et al. (1985) Amyloid plaque core protein in Alzheimer disease and Down syndrome <i>Proc Natl Acad Sci USA</i> 82:4245-4249	
		MCGREGOR et al. (1999) Roles of trk family neurotrophin receptors in medullary thyroid carcinoma development and progression <i>Proc Natl Acad Sci USA</i> 96:4540-4545	
		MCMASTERS (2003) Molecular staging of melanoma: sensitivity, specificity and the search of clinical significance <i>Ann Surg Oncol</i> 10:336-337	
		MENEZ et al. (2004) Mutant α -actinin-4 promotes tumorigenicity and regulates cell motility of a human lung carcinoma <i>Oncogene</i> 23:2630-2639	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 11 of 16

Application Number	10/567,025
Filing Date	06/24/2005
First Named Inventor	Wang et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	VDX5006USPCT

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
-------------------------	--------------------------	--	----------------

		MESSINA et al. (1999) Pathologic examination of the sentinel lymph node in malignant melanoma Am J Surg Pathol 23:686-690	
		MONACO (2004) Evidence regarding a role for CK5 dysregulation in Alzheimer's disease Curr Alzheimer Res 1:33-38	
		MORTON et al. (1992) Technical details of intraoperative lymphatic mapping for early stage melanoma Arch Surg 127:392-399	
		NAKAMURA et al. (2003) Quantitative analysis of macrophage inhibitory cytokine-1 (MIC-1) gene expression in human prostatic tissues Br J Cancer 88:1101-1104	
		NISHIHARA et al. (2004) Cyclic AMP promotes cAMP-responsive element-binding protein-dependent induction of cellular inhibitor of apoptosis protein-2 and suppresses apoptosis of colon cancer cells through ERK1/2 and p38 MAPK J Biol Chem 279:26176-26183	
		NOMURA et al. (2004) Identification of a novel domain of Ras and Rap1 that directs their differential subcellular localizations J Biol Chem 279:22664-22673	
		ODA et al. (2003) CrkL directs ASAP1 to peripheral focal adhesions J Biol Chem 278:6456-6460	
		OKADA et al. (2001) Genetic detection of lymph node micrometastases in patients with gastric carcinoma by multiple-marker reverse transcriptase-polymerase chain reaction assay Cancer 92:2056-2064	
		OKAMI et al. (2000) Genetic detection for micrometastasis in lymph node of biliary tract carcinoma Clin Cancer Res 6:2326-2332	
		OOKA et al. (2000) Selection of mRNA markers for detection of lymph node micrometastases in breast cancer patients Oncol Rep 7:561-566	
		OURY et al. (2004) ATP augments von Willebrand factor-dependent shear-induced platelet aggregation through Ca ²⁺ -calmodulin and myosin light chain kinase activation J Biol Chem 279:26266-26273	
		PALMIERI et al. (2001) Detection of occult melanoma cells in paraffin-embedded histologically negative sentinel lymph nodes using a reverse transcriptase polymerase chain reaction assay J Clin Oncol 19:1437-1443	
		PARALKAR et al. (1998) Cloning and characterization of a novel member of the transforming growth factor- β /bone morphogenetic protein family J Biol Chem 273:13760-13767	
		PASTORINO et al. (2004) BACE (β -secretase) modulates the processing of APLP2 in vivo Mol Cell Neurosci 25:642-649	
		PATEL et al. (2003) Cadherin switching in ovarian cancer progression Int J Cancer 106:172-177	
Examiner Signature		Date Considered	

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 12 of 16

<i>Application Number</i>	10/567,025
<i>Filing Date</i>	06/24/2005
<i>First Named Inventor</i>	Wang et al.
<i>Group Art Unit</i>	
<i>Examiner Name</i>	
<i>Attorney Docket Number</i>	VDX5006USPCT

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
-------------------------	--------------------------	--	----------------

		PITSI et al. (2004) Presenilin 1 stabilizes the C-terminal fragment of the amyloid precursor protein independently of γ -secretase activity J Biol Chem 279:25333-25338	
		POLYAK et al. (1997) A model for p53-induced apoptosis Nature 389:300-305	
		PONTOW et al. (2004) Actin cytoskeletal reorganizations and coreceptor-mediated activation of rac during human immunodeficiency virus-induced cell fusion J Virol 78:7138-7147	
		PRICHARD et al. (2003) The role of molecular staging in malignant melanoma Eur J Surg Oncol 29:306-314	
		QI et al. (2004) α -Chimaerin exists in a functional complex with the Cdk5 kinase in brain FEBS Lett 561:177-180	
		QI et al. (2004) p38 MAPK activation selectively induces cell death in K-ras-mutated human colon cancer cells through regulation of vitamin D receptor J Biol Chem 279:22138-22144	
		QIN et al. (2004) p53-independent NOXA induction overcomes apoptotic resistance of malignant melanomas Mol Cancer Therap 3:895-902	
		RAAS-ROTHSCHILD et al. (2002) A PEX6-defective peroxisomal biogenesis disorder with severe phenotype in an infant, versus mild phenotype resembling Usher syndrome in the affected parents Am J Hum Genet 70:1062-1068	
		RAICH et al. (1986) Molecular cloning and complete primary sequence of human erythrocyte porphobilinogen deaminase Nucl Acids Res 14:5955-5968	
		RAY et al. (1997) AIM1, a novel non-lens member of the $\beta\gamma$ -crystallin superfamily, is associated with the control of tumorigenicity in human malignant melanoma Proc Natl Acad Sci USA 94:3229-3234	
		REIFENBERGER et al. (2004) Frequent alterations of Ras signaling pathway genes in sporadic malignant melanomas Int J Cancer 109:377-384	
		REINTGEN et al. (2004) The staging of malignant melanoma and the Florida Melanoma Trial Ann Surg Oncol 11:186S-191S	
		RHEE et al. (2004) MEK is a key modulator for TLR5-induced interleukin-8 and MIP3 α gene expression in non-transformed human colonic epithelial cells J Biol Chem 279:25179-25188	
		RICCIONI et al. (2002) The sentinel lymph node in melanoma: use of molecular biology (RT-PCR) to detect occult metastases Pathologica 94:190-195	
		RIMBOLDI et al. (2003) Detection of micrometastases in sentinel lymph nodes from melanoma patients: direct comparison of multimarker molecular and immunopathological methods Melanoma Res 13:511-520	
Examiner Signature		Date Considered	

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 13 of 16

Application Number	10/567,025
Filing Date	06/24/2005
First Named Inventor	Wang et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	VDX5006USPCT

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
-------------------------	--------------------------	--	----------------

		RING et al. (1998) Five SWI/SNF-related, matrix-associated, actin-dependent regulator of chromatin (SMARC) genes are dispersed in the human genome Genomics 51:140-143	
		RYDEN et al. (1996) Expression of mRNA for the neurotrophin receptor trkC in neuroblastomas with favourable tumour stage and good prognosis Br J Cancer 74:773-779	
		SAITO et al. (2004) Differential regulation of focal adhesion kinase and paxillin phosphorylation by the small GTP-binding protein Rho in human corneal epithelial cells Jpn J Ophthalmol 48:199-207	
		SAKWE et al. (2004) Involvement of protein kinase C- α and - ϵ in extracellular Ca(2+) signalling mediated by the calcium sensing receptor Exp Cell Res 297:560-573	
		SALAZAR-ONFRAY et al. (2002) Tissue distribution and differential expression of melanocortin 1 receptor, a malignant melanoma marker Br J Cancer 87:414-422	
		SASAKI et al. (2004) BRAF point mutations in primary melanoma show different prevalences by subtype J Invest Dermatol 123:177-183	
		SATYAMOORTHY et al. (2002) A versatile method for the removal of melanin from ribonucleic acids in melanocytic cells Melanoma Res 12:449-452	
		SCHECHTMAN et al. (2004) A critical intramolecular interaction for protein kinase Cepsilon translocation J Biol Chem 279:15831-15840	
		SCHMUTH et al. (2004) The effect of LXR activators on AP-1 proteins in keratinocytes J Invest Dermatol 123:41-48	
		SEGAL et al. (2003) Classification of clear-cell sarcoma as a subtype of melanoma by genomic profiling J Clin Oncol 21:1775-1781	
		SELLS et al. (1997) Human p21-activated kinase (Pak1) regulates actin organization in mammalian cells Curr Biol 7:202-210	
		SEYKORA et al. (2003) Gene expression profiling of melanocytic lesions Am J Dermatopathol 25:6-11	
		SHIMIZU et al. (1999) High expression of macrophage migration inhibitory factor in human melanoma cells and its role in tumor cell growth and angiogenesis Biochem Biophys Res Commun 264:751-758	
		SHIROTANI et al. (2004) Immature nicastrin stabilizes APH-1 independent of PEN-2 and presenilin: identification of nicastrin mutants that selectively interact with APH-1 J Neurochem 89:1520-1527	
		SHIVERS et al. (1998) Molecular staging of malignant melanoma: correlation with clinical outcome JAMA 280:1410-1415	
		SMITH et al. (1997) Chromosomal localization of three human dual specificity phosphatase genes (DUSP4, DUSP6, and DUSP7) Genomics 42:524-7	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 14 of 16

<i>Application Number</i>	10/567,025
<i>Filing Date</i>	06/25/2005
<i>First Named Inventor</i>	Wang et al.
<i>Group Art Unit</i>	
<i>Examiner Name</i>	
<i>Attorney Docket Number</i>	VDX5006USPCT

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
-------------------------	--------------------------	--	----------------

		STARZ et al. (2003) Tyrosinase RT-PCR as a supplement to histology for detecting melanoma and nevus cells in paraffin sections of sentinel lymph nodes <i>Mod Pathol</i> 16:920-929	
		STIEBER et al. (2003) Molecular basis for the different activation kinetics of the pacemaker channels HCN2 and HCN4 <i>J Biol Chem</i> 278:33672-33680	
		STOLETOV et al. (2004) Nck and Crk mediate distinct VEGF-induced signaling pathways that serve overlapping functions in focal adhesion turnover and integrin activation <i>Exp Cell Res</i> 295:258-268	
		STRAUSBERG et al. (2002) Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences <i>Proc Natl Acad Sci USA</i> 99:16899-16903	
		SU et al. (2001) Molecular classification of human carcinomas by use of gene expression signatures <i>Cancer Res</i> 61:7388-7993	
		SUZUKI et al. (1999) Expression of MAGE genes and survival in patients with hepatocellular carcinoma <i>Int J Oncol</i> 15:1227-1232	
		SWIATEK et al. (2004) Regulation of casein kinase I epeon activity by Wnt signaling <i>J Biol Chem</i> 279:13011-13017	
		SZEBENI et al. (2003) Role of protein kinase CK2 phosphorylation in the molecular chaperone activity of nucleolar protein B23 <i>J Biol Chem</i> 278:9107-9115	
		TABACK et al. (2001) The clinical utility of multimarker RT-PCR in the detection of occult metastasis in patients with melanoma <i>Recent Results Cancer Res</i> 158:78-92	
		TAKEUCHI et al. (2004) Prognostic significance of molecular upstaging of paraffin-embedded sentinel lymph nodes in melanoma patients <i>J Clin Oncol</i> 22:2671-2680	
		TALANTOV (2005) Novel genes associated with malignant melanoma but not benign melanocytic lesions <i>Clin Cancer Res</i> 11:7234-7242	
		THIES et al. (2002) Overexpression of the cell adhesion molecule L1 is associated with metastasis in cutaneous malignant melanoma <i>Eur J Cancer</i> 38:1708-1716	
		TOKUO et al. (2004) Myosin X transports Mena/VASP to the tip of filopodia <i>Biochem Biophys Res Commun</i> 319:214-220	
		TREMUTH et al. (2004) A fluorescence cell biology approach to map the second integrin-binding site of talin to a 130-amino acid sequence within the rod domain <i>J Biol Chem</i> 279:22258-22266	
		TSUTSUMI et al. (2003) Regulation of cell proliferation by autocrine motility factor/phosphoglucose isomerase signaling <i>J Biol Chem</i> 278:32165-32172	
Examiner Signature		Date Considered	

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 15 of 16

Application Number	10/567,025
Filing Date	06/24/2005
First Named Inventor	Wang et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	VDX5006USPCT

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
-------------------------	--------------------------	--	----------------

		TUSHER et al. (2001) Significance analysis of microarrays applied to the ionizing radiation response Proc Natl Acad Sci USA 98:5116-5121	
		VAN IMPE et al. (2003) The Nucleo-cytoplasmic actin-binding protein CapG lacks a nuclear export sequence present in structurally related proteins J Biol Chem 278:17945-17952	
		VANDESOMPELE et al. (2002) Accurate normalization of real-time quantitative RT-PCR data by geometric averaging of multiple internal control genes Genome Biol 3:1-11	
		VIHINEN (2003) New Prognostic factors and developing therapy of cutaneous melanoma Ann Med 35: 66-78	
		WANG et al. (2001) Optimal procedure for extracting RNA from human ocular tissues and expression profiling of the congenital glaucoma gene <i>FOXC1</i> using quantitative RT-PCR Mol Vision 7:89-94	
		WANG et al. (2002) The third activity for lysyl hydroxylase 3: galactosylation of hydroxyllysyl residues in collagens in vitro Matrix Biol 21:559-566	
		WANG et al. (2004) Gene expression profiles and molecular markers to predict recurrence of Dukes' B colon cancer J Clin Oncol 22:1564-1571	
		WEERARATNA (2004) Generation and analysis of melanoma SAGE libraries: SAGE advice on the melanoma transcriptome Oncogene 23:2264-2274	
		WEISER et al. (2001) Induction of MAGE-3 expression in lung and esophageal cancer cells Ann Thorac Surg 71:295-302	
		WELK et al. (2001) Identification and characterization of the gene encoding human cytoplasmic polyadenylation element binding protein Gene 263:113-20.	
		WELSH et al. (2003) Large-scale delineation of secreted protein biomarkers overexpressed in cancer tissue and serum Proc Natl Acad Sci USA 100:3410-3415	
		WILSON et al. (2000) An early requirement for FGF signaling in the acquisition of neural cell fate in the chick embryo Curr Bio 10:421-429	
		WOO et al. (2004) Resveratrol inhibits phorbol myristate acetate-induced matrix metalloproteinase-9 expression by inhibiting JNK and PKC δ signal transduction Oncogene 23:1845-1853	
		WRIGHTSON et al. (2001) Reverse transcriptase-polymerase chain reaction (RT-PCR) analysis of nonsentinel nodes following completion lymphadenectomy for melanoma J Surg Res 98:47-51	
		XU et al. (2003) Transforming growth factor- β 1 stimulated protein kinase B serine-473 and focal adhesion kinase tyrosine phosphorylation dependent on cell adhesion in human hepatocellular carcinoma SMMC-7721 cells Biochem Biophys Res Commun 312:388-396	
		XU et al. (2003) Expression of neurotrophin receptor Trk-C in nevi and melanomas J Cutan Pathol 30:318-322	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 16 of 16

Application Number	10/567,025
Filing Date	06/24/2005
First Named Inventor	Wang et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	VDX5006USPCT

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
-------------------------	--------------------------	--	----------------

		YAMANAKA et al. (1998) Expression of MAGE genes in renal cell carcinoma Int J Mol Med 2:57-60	
		YAMAUCHI et al. (2003) Neurotrophin 3 activation of TrkC induces Schwann cell migration through the c-Jun N-terminal kinase pathway Proc Natl Acad Sci USA 100:14421-14426	
		YANG et al. (2003) Macrophage inhibitory cytokine-1: a novel biomarker for p53 pathway activation Mol Cancer Ther 2:1023-1029	
		YANNONI et al. (2004) P66 ^{ShcA} interacts with MAPKAP kinase 2 and regulates its activity FEBS Lett 564:205-211	
		YOSHIMATSU et al. (1998) Expression of the melanoma antigen-encoding gene in human lung cancer J Surg Oncol 67:126-129	
		YU et al. (1999) Detection of microscopic melanoma metastases in sentinel lymph nodes Cancer 86:617-627	
		YU et al. (2004) A minimal length between tau exon 10 and 11 is required for correct splicing of exon 10 J Neurochem 90:164-172	
		ZATTI et al. (2004) The presenilin 2 M239I mutation associated with familial Alzheimer's disease reduces Ca ²⁺ release from intracellular stores Neurobiol Dis 15:269-278	
		ZHANG et al. (2003) Negative regulation of T cell antigen receptor-mediated Crk-L-C3G signaling and cell adhesion by Cbl-b J Biol Chem 278:23978-23983	
		ZHANG et al. (2004) Characterization of the cAMP-dependent protein kinase catalytic subunit Cy expressed and purified from sf9 cells Protein Expr Purif 35:156-169	
		ZHANG et al. (2004) Hsp90/p50cdc37 is required for mixed-lineage kinase (MLK) 3 signaling J Biol Chem 279:19457-19463	
		ZHOU et al. (2004) A novel crosstalk mechanism between nuclear receptor-mediated and growth factor/Ras-mediated pathways through PNRC-Grb2 interaction Oncogene 23:5394-5404	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--